

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**  
**811 Solid Waste Landfill Inspection Checklist**

County: St. Clair LPC#: 1630755017 Region: 6 - Collinsville  
 Location/Site Name: Marissa/Cottonwood Hills  
 Date: 01/05/2016 Time: From 9:00AM To 9:45AM Previous Inspection Date: 12/08/2015 ✓  
 Inspector(s): Michael Gates Weather: Sunny, Approx 27 Degrees, Damp  
 No. of Photos Taken: # 8 Samples Taken: Yes #      No ☒  
 Interviewed: Mr. Bill Raynor Facility Phone No.: 618-295-2809

Permitted Owner Mailing Address <div style="border: 1px solid black; height: 60px; margin-top: 5px; display: flex; align-items: center; justify-content: center; font-size: 24px; font-weight: bold;">RECEIVED</div>	Permitted Operator Mailing Address Waste Management of Illinois, Inc. 10400 Hillstown Road Marissa, IL 62257
Chief Operator Mailing Address <div style="border: 1px solid black; height: 60px; margin-top: 5px; display: flex; align-items: center; justify-content: center; font-size: 24px; font-weight: bold;">IEPA/BOL/WRCS</div>	Certified Operator Mailing Address Mr. Bill Raynor 10400 Hillstown Road Marissa, IL 62257

<b>AUTHORIZATION:</b> Significant Modification Permit Initial: <u>1998-110-LF</u> Latest <u>203-453-(MOD60)</u> Exp Date <u>                    </u>	<b>OPERATIONAL STATUS:</b> Operating <input checked="" type="checkbox"/> Closed-Not Certified. <input type="checkbox"/> Closed-Date Certified: <u>                    </u>	<b>TYPE OF OPERATION:</b> Existing Landfills 814-Subpart C <input type="checkbox"/> 814-Subpart D <input type="checkbox"/> New Landfills: 811-Putres./Chem. <input checked="" type="checkbox"/>
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	SECTION	DESCRIPTION	VIOL
<b>ILLINOIS ENVIRONMENTAL PROTECTION ACT REQUIREMENTS</b>			
1.	9(a)	CAUSE, THREATEN OR ALLOW AIR POLLUTION IN ILLINOIS	<input type="checkbox"/>
2.	9(c)	CAUSE OR ALLOW OPEN BURNING	<input type="checkbox"/>
3.	12(a)	CAUSE, THREATEN OR ALLOW WATER POLLUTION IN ILLINOIS	<input type="checkbox"/>
4.	12(d)	CREATE A WATER POLLUTION HAZARD	<input type="checkbox"/>
5.	12(f)	CAUSE, THREATEN OR ALLOW DISCHARGE WITHOUT OR IN VIOLATION OF AN NPDES PERMIT	<input type="checkbox"/>
6.	21(a)	CAUSE OR ALLOW OPEN DUMPING	<input type="checkbox"/>
7.	21(d)	CONDUCT ANY WASTE-STORAGE, WASTE-TREATMENT, OR WASTE- DISPOSAL OPERATION:	
	(1)	Without a Permit or in Violation of Any Conditions of a Permit (See Permit Provisions)	<input type="checkbox"/>
	(2)	In Violation of Any Regulations or Standards Adopted by the Board	<input type="checkbox"/>
8.	21(e)	DISPOSE, TREAT, STORE, OR ABANDON ANY WASTE, OR TRANSPORT ANY WASTE INTO THE STATE AT/TO SITES NOT MEETING REQUIREMENTS OF ACT AND REGULATIONS	<input type="checkbox"/>
9.	21(f)(1)	CONDUCT ANY HAZARDOUS WASTE-STORAGE, TREATMENT OR DISPOSAL OPERATION WITHOUT A RCRA PERMIT.	<input type="checkbox"/>

10.	21(o)	<b>CONDUCT A SANITARY LANDFILL OPERATION WHICH RESULTS IN ANY OF THE FOLLOWING CONDITIONS:</b>	
	(1)	Refuse in Standing or Flowing Water	<input type="checkbox"/>
	(2)	Leachate Flows Entering Waters of the State	<input type="checkbox"/>
	(3)	Leachate Flows Exiting the Landfill Confines	<input type="checkbox"/>
	(4)	Open Burning of Refuse in Violation of Section 9 of the Act	<input type="checkbox"/>
	(5)	Uncovered Refuse Remaining From Any Previous Operating Day or at the Conclusion of Any Operating Day	<input type="checkbox"/>
	(6)	Failure to Provide Final Cover Within Time Limits	<input type="checkbox"/>
	(7)	Acceptance of Wastes Without Necessary Permits	<input type="checkbox"/>
	(8)	Scavenging as Defined by Board Regulations	<input type="checkbox"/>
	(9)	Deposition of Refuse in Any Unpermitted Portion of the Landfill	<input type="checkbox"/>
	(10)	Acceptance of Special Waste Without a Required Manifest	<input type="checkbox"/>
	(11)	Failure to Submit Reports Required by Permits or Board Regulations	<input type="checkbox"/>
	(12)	Failure to Collect and Contain Litter by the End of each Operating Day	<input type="checkbox"/>
	(13)	Failure to Submit Any Cost Estimate, Performance Bond or Other Security	<input type="checkbox"/>
11.	21(t)	<b>CAUSE OR ALLOW A LATERAL EXPANSION OF A MUNICIPAL SOLID WASTE LANDFILL (MSWLF) UNIT WITHOUT A PERMIT MODIFICATION</b>	<input type="checkbox"/>
12.	21.6(b)	<b>ACCEPTANCE OF LIQUID USED OIL FOR FINAL DISPOSAL (EFFECTIVE JULY 1, 1996)</b>	<input type="checkbox"/>
13.	22.01	<b>FAILURE TO SUBMIT ANNUAL NONHAZARDOUS SPECIAL WASTE</b>	<input type="checkbox"/>
14.	22.17	<b>LANDFILL POST-CLOSURE CARE</b>	
	(a)	Failure to Monitor Gas, Water, Settling	<input type="checkbox"/>
	(b)	Failure to Take Remedial Action	<input type="checkbox"/>
15.	22.22(c)	<b>ACCEPTANCE OF LANDSCAPE WASTE FOR FINAL DISPOSAL</b>	<input type="checkbox"/>
16.	22.23(f)(2)	<b>CAUSE OR ALLOW THE DISPOSAL OF ANY LEAD-ACID BATTERY</b>	<input type="checkbox"/>
17.	22.28(b)	<b>ACCEPTANCE OF WHITE GOODS FOR FINAL DISPOSAL</b>	<input type="checkbox"/>
18.	55(b)(1)	<b>ACCEPTANCE OF ANY USED OR WASTE TIRE FOR FINAL DISPOSAL (UNLESS LANDFILL MEETS EXEMPTION OF 55(b)(1))</b>	<input type="checkbox"/>
19.	55(k)	<b>NO PERSON SHALL:</b>	
	(1)	Cause or Allow Water to Accumulate in Used or Waste Tires	<input type="checkbox"/>
	(4)	Transport Used or Waste Tires in Violation of the Registration and Placarding Requirements	<input type="checkbox"/>
20.	56.1(a)	<b>CAUSE OR ALLOW THE DISPOSAL OF ANY POTENTIALLY INFECTIOUS MEDICAL WASTE</b>	<input type="checkbox"/>
<b>ELECTRONIC PRODUCTS RECYCLING AND REUSE ACT REQUIREMENTS</b>			
21.	95(a)	<b>NO PERSON MAY KNOWINGLY CAUSE OR ALLOW THE MIXING OF A COVERED ELECTRONIC DEVICE (CED) OR OTHER LISTED DEVICE WITH MUNICIPAL WASTE THAT IS INTENDED FOR DISPOSAL AT A LANDFILL</b>	<input type="checkbox"/>
22.	95(b)	<b>NO PERSON MAY KNOWINGLY CAUSE OR ALLOW THE DISPOSAL OF A CED OR OTHER LISTED DEVICE IN A SANITARY LANDFILL</b>	<input type="checkbox"/>

23.	95(c)	NO PERSON MAY KNOWINGLY CAUSE OR ALLOW THE MIXING OF A CED OR OTHER LISTED DEVICE WITH WASTE THAT IS INTENDED FOR DISPOSAL BY BURNING OR INCINERATION	<input type="checkbox"/>
24.	95(d)	NO PERSON MAY KNOWINGLY CAUSE OR ALLOW THE BURNING OR INCINERATION OF A CED OR OTHER LISTED DEVICE	<input type="checkbox"/>
<b>SOLID WASTE SITE OPERATOR CERTIFICATION LAW REQUIREMENTS</b>			
25.	225 ILCS 230/1004	CAUSING OF ALLOWING OPERATION OF A LANDFILL WITHOUT PROPER COMPETENCY CERTIFICATE	<input type="checkbox"/>
<b>35 ILLINOIS ADMINISTRATIVE CODE REQUIREMENTS</b>			
<b>SUBTITLE G</b>			
<b>PRIOR CONDUCT CERTIFICATION REQUIREMENTS</b>			
22.	745.181	CHIEF OPERATOR REQUIREMENTS	<input type="checkbox"/>
23.	745.201	PRIOR CONDUCT CERTIFICATION PROHIBITIONS	<input type="checkbox"/>
<b>SPECIAL WASTE HAULING REQUIREMENTS</b>			
24.	809.301	REQUIREMENTS FOR DELIVERY OF SPECIAL WASTE TO HAULERS	<input type="checkbox"/>
25.	809.302(a)	REQUIREMENTS FOR ACCEPTANCE OF SPECIAL WASTE FROM HAULERS	<input type="checkbox"/>
26.	809.501	MANIFESTS, RECORDS, ACCESS TO RECORDS, REPORTING REQUIREMENTS AND FORMS	
	(a)	Delivery of Special Waste to Hauler	<input type="checkbox"/>
	(g)	Retention of Special Waste Manifests	<input type="checkbox"/>
<b>NEW SOLID WASTE LANDFILL REQUIREMENTS</b>			
	<b>PART 811</b>	<b>GENERAL STANDARDS FOR ALL LANDFILLS</b>	
	<b>SUBPART A</b>		
27.	811.103	<b>SURFACE WATER DRAINAGE</b>	
	(a)	Runoff from Disturbed Areas	<input type="checkbox"/>
	(b)	Diversion of Runoff from Undisturbed Areas	<input type="checkbox"/>
28.	811.104	<b>SURVEY CONTROL</b>	
	(a)	Boundaries Surveyed and Marked	<input type="checkbox"/>
	(b)	Stakes and Monuments Marked	<input type="checkbox"/>
	(c)	Stakes and Monuments Inspected	<input type="checkbox"/>
	(d)	Control Monument Established and Maintained	<input type="checkbox"/>
29.	811.105	<b>COMPACTION</b>	<input type="checkbox"/>
30.	811.106	<b>DAILY COVER</b>	
	(a)	Six Inches Soil	<input type="checkbox"/>
	(b)	Alternative Daily Cover	<input type="checkbox"/>
31.	811.107	<b>OPERATING STANDARDS</b>	
	(a)	Phasing of Operations	<input type="checkbox"/>

	(b)	Work Face Size and Slope	<input type="checkbox"/>
	(c)	Equipment	<input type="checkbox"/>
	(d)	Utilities	<input type="checkbox"/>
	(e)	Maintenance	<input type="checkbox"/>
	(f)	Open Burning	<input type="checkbox"/>
	(g)	Dust Control	<input type="checkbox"/>
	(h)	Noise Control	<input type="checkbox"/>
	(i)	Vector Control	<input type="checkbox"/>
	(j)	Fire Protection	<input type="checkbox"/>
	(k)	Litter Control	<input type="checkbox"/>
	(l)	Mud Tracking	<input type="checkbox"/>
	(m)	Liquid Restrictions for MSWLF Units	<input type="checkbox"/>
<b>32.</b>	<b>811.108</b>	<b>SALVAGING</b>	
	(a)	Salvaging Interferes with Operation	<input type="checkbox"/>
	(b)	Safe and Sanitary Manner	<input type="checkbox"/>
	(c)	Management of Salvagable Materials	<input type="checkbox"/>
<b>33.</b>	<b>811.109</b>	<b>BOUNDARY CONTROL</b>	
	(a)	Access Restricted	<input type="checkbox"/>
	(b)	Proper Sign Posted	<input type="checkbox"/>
<b>34.</b>	<b>811.110</b>	<b>CLOSURE AND WRITTEN CLOSURE PLAN</b>	
	(a)	Final Slopes and Contours	<input type="checkbox"/>
	(b)	Drainage Ways and Swales	<input type="checkbox"/>
	(c)	Final Configuration	<input type="checkbox"/>
	(d)	Written Closure Plan	<input type="checkbox"/>
	(e)	Initiation of Closure Activities at MSWLF Units	<input type="checkbox"/>
	(f)	Completion of Closure Activities at MSWLF Units	<input type="checkbox"/>
	(g)	Deed Notation for MSWLF Units	<input type="checkbox"/>
<b>35.</b>	<b>811.111</b>	<b>POST-CLOSURE MAINTENANCE</b>	
	(a)	Procedures After Receipt of Final Volume of Waste	<input type="checkbox"/>
	(b)	Remove All Equipment of Structures	<input type="checkbox"/>
	(c)	Maintenance and Inspection of the Final Cover and Vegetation	<input type="checkbox"/>
	(d)	Planned Uses of Property at MSWLF Units	<input type="checkbox"/>
<b>36.</b>	<b>811.112</b>	<b>RECORDKEEPING REQUIREMENTS FOR MSWLF UNITS</b>	
	(a)	Location Restriction Demonstration	<input type="checkbox"/>
	(b)	Load Checking Requirements	<input type="checkbox"/>
	(c)	Gas Monitoring Records	<input type="checkbox"/>
	(d)	MSWLF Liquid Restriction Records	<input type="checkbox"/>
	(e)	Groundwater Monitoring Program Requirements	<input type="checkbox"/>
	(f)	Closure and Post Closure Care Requirements	<input type="checkbox"/>
	(g)	Cost Estimates and Financial Assurance Requirements	<input type="checkbox"/>
	<b>PART 811 SUBPART C</b>	<b>PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS</b>	

37.	811.302	<b>FACILITY LOCATION</b>	
	(c)	Site Screening (Does Not Apply To Part 814-Subpart D Sites)	<input type="checkbox"/>
38.	811.309	<b>LEACHATE TREATMENT AND DISPOSAL SYSTEM</b>	
	(a)	General Requirements	<input type="checkbox"/>
	(c)	Standards for On-Site Treatment and Pretreatment	<input type="checkbox"/>
	(d)	Standards for Leachate Storage System	<input type="checkbox"/>
	(e)	Standards for Discharge to Off-Site Treatment	<input type="checkbox"/>
	(f)	Standards for Leachate Recycling Systems	<input type="checkbox"/>
	✓ (g)	Standards for Leachate Monitoring Systems	<input type="checkbox"/>
39.	811.310	<b>LANDFILL GAS MONITORING (FOR SITES ACCEPTING PUTRESCIBLE WASTE)</b>	
	(b)	Location and Design of Gas Monitoring Wells	<input type="checkbox"/>
	(c)	Monitoring Frequency for Landfill Gas	<input type="checkbox"/>
	(d)	Monitoring Parameters	<input type="checkbox"/>
40.	811.311	<b>LANDFILL GAS MANAGEMENT SYSTEM (FOR CHEMICAL AND PUTRESCIBLE LANDFILLS)</b>	
	(a)	Conditions for Installation of Gas Management System	<input type="checkbox"/>
	(b)	Notification and Implementation Requirements	<input type="checkbox"/>
	(c)	Standards for Gas Venting	<input type="checkbox"/>
	(d)	Standards for Gas Collection	<input type="checkbox"/>
41.	811.312	<b>LANDFILL GAS PROCESS AND DISPOSAL SYSTEM</b>	
	(c)	No Unpermitted Gas Discharge	<input type="checkbox"/>
	(d)	Gas Flow Rate Measurements into Treatment of Combustion Device	<input type="checkbox"/>
	(e)	Standards for Gas Flares	<input type="checkbox"/>
	(f)	Standards for On-Site Combustion of Landfill Gas Using Devices Other Than Flares	<input type="checkbox"/>
	(g)	Gas Transported Off-Site	<input type="checkbox"/>
42.	811.313	<b>INTERMEDIATE COVER</b>	
	(a)	Requirements for the Application for Intermediate Cover	<input type="checkbox"/>
	(b)	Runoff and Infiltration Control	<input type="checkbox"/>
	(c)	Maintenance of Intermediate Cover	<input type="checkbox"/>
43.	811.314	<b>FINAL COVER SYSTEM (DOES NOT APPLY TO PART 814 SITES THAT HAVE CLOSED, COVERED AND VEGETATED PRIOR TO SEPTEMBER 18, 1990)</b>	
	(a)	General Requirements	<input type="checkbox"/>
	(b)	Standards for Low Permeability Layer	<input type="checkbox"/>
	(c)	Standards for Final Protective Layer	<input type="checkbox"/>
44.	811.316	<b>PLUGGING AND SEALING OF DRILL HOLES</b>	
45.	811.321	<b>WASTE PLACEMENT</b>	
	(a)	Phasing of Operations	<input type="checkbox"/>
	(b)	Initial Waste Placement	<input type="checkbox"/>
46.	811.322	<b>FINAL SLOPE AND STABILIZATION</b>	
	(a)	Grade Capable of Supporting Vegetation and Minimizing Erosion	<input type="checkbox"/>
	(b)	Slopes Required to Drain	<input type="checkbox"/>

	(c)	Vegetation	<input type="checkbox"/>
	(d)	Structures Built over the Unit	<input type="checkbox"/>
47.	811.323	<b>LOAD CHECKING PROGRAM</b>	
	(a)	Load Checking Program Implemented	<input type="checkbox"/>
	(b)	Load Checking Program for PCB's at MSWLF Units	<input type="checkbox"/>
	(c)	Load Checking Program Components	<input type="checkbox"/>
	(d)	Handling Regulated Hazardous Wastes	<input type="checkbox"/>
	<b>PART 811 SUBPART D</b>	<b>MANAGEMENT OF SPECIAL WASTES AT LANDFILLS</b>	
48.	811.402	<b>NOTICE TO GENERATORS AND TRANSPORTERS</b>	<input type="checkbox"/>
49.	811.403	<b>SPECIAL WASTE MANIFESTS REQUIREMENTS</b>	<input type="checkbox"/>
50.	811.404	<b>IDENTIFICATION RECORD</b>	
	(a)	Special Waste Profile Identification Sheet	<input type="checkbox"/>
	(b)	Special Waste Recertification	<input type="checkbox"/>
51.	811.405	<b>RECORDKEEPING REQUIREMENTS</b>	<input type="checkbox"/>
52.	811.406	<b>PROCEDURES FOR EXCLUDING REGULATED HAZARDOUS WASTES</b>	<input type="checkbox"/>
	<b>PART 811 SUBPART G</b>	<b>FINANCIAL ASSURANCE</b>	
53.	811.700	<b>COMPLY WITH FINANCIAL ASSURANCE REQUIREMENTS OF PART 811, SUBPART G</b>	<input type="checkbox"/>
54.	811.701	<b>UPGRADING FINANCIAL ASSURANCE</b>	<input type="checkbox"/>
55.	811.704	<b>CLOSURE AND POST-CLOSURE CARE COST ESTIMATES</b>	<input type="checkbox"/>
56.	811.705	<b>REVISION OF COST ESTIMATE</b>	<input type="checkbox"/>
	<b>PART 813 SUBPART E</b>	<b>CERTIFICATION AND REPORTS</b>	
57.	813.501	<b>ANNUAL CERTIFICATION</b>	<input type="checkbox"/>
58.	813.502	<b>GROUNDWATER REPORTS AND GRAPHICAL RESULTS OF MONITORING EFFORTS</b>	<input type="checkbox"/>
59.	813.503	<b>INFORMATION TO BE RETAINED AT OR NEAR THE WASTE DISPOSAL FACILITY</b>	<input type="checkbox"/>
60.	813.504	<b>ANNUAL REPORT</b>	<input type="checkbox"/>
		<b>SOLID WASTE FEE SYSTEM REQUIREMENTS</b>	
61.	Part 858 Subpart B	<b>MAINTAINED, RETAINED &amp; SUBMITTED DAILY &amp; MONTHLY SOLID WASTE RECORDS AND QUARTERLY SOLID WASTE SUMMARIES WHERE INCOMING WASTE IS WEIGHED (LIST SPECIFIC SECTION</b>	<input type="checkbox"/>
62.	Part 858 Subpart C	<b>MAINTAINED, RETAINED &amp; SUBMITTED DAILY &amp; MONTHLY SOLID WASTE RECORDS AND QUARTERLY SOLID WASTE SUMMARIES WHERE INCOMING WASTE IS NOT WEIGHED (LIST SPECIFIC</b>	<input type="checkbox"/>

OTHER REQUIREMENTS			
63.	OTHER:	APPARENT VIOLATION OF: <input type="checkbox"/> PCB; <input type="checkbox"/> CIRCUIT COURT CASE NUMBER: ORDER ENTERED ON:	<input type="checkbox"/>
64.			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Informational Notes

1. [Illinois] Environmental Protection Act: 415 ILCS 5/1 et seq.; and The Electronic Products Recycling and Reuse Act: 415 ILCS 150/5 et seq.
2. Illinois Pollution Control Board: 35 Ill. Adm. Code, Subtitle G.
3. Statutory and regulatory references herein are provided for convenience only and should not be construed as legal conclusions of the Agency or as limiting the Agency's statutory or regulatory powers. Requirements of some statutes and regulations cited are in summary format. Full text of requirements can be found in references listed in 1. and 2. above.
4. The provisions of subsection (o) of Section 21, subsection (k) of Section 55 of the [Illinois] Environmental Protection Act shall be enforceable either by administrative citation under Section 31.1 of that Act or by complaint under Section 31 of that Act. Violation of the Electronic Products Recycling and Reuse Act shall be enforceable by administrative citation under Section 20(k) of that Act, or referral to the Attorney General, pursuant to Section 20(a) of that Act.
5. This inspection was conducted in accordance with Sections 4(c) and 4(d) of the [Illinois] Environmental Protection Act: 415 ILCS 5/4(c) and (d) ; and Section 20(a) of the Electronic Products Recycling and Reuse Act: 415 ILCS 150/20(a)
6. Items marked with an "NE" were not evaluated at the time of this inspection.

STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY

NARRATIVE EVALUATION DOCUMENT

Date of Review: January 5, 2016

Reviewer: Michael Gates

Site Code: 1630755017

County: St. Clair

Site Name: Marissa/WMI Cottonwood Hills

Time: 9:00am – 9:45am

GENERAL REMARKS

On January 5, 2016, an inspection of the Waste Management Cottonwood Hills Recycling & Disposal Facility in Marissa, IL, was conducted. The weather at the time of the inspection was sunny, approximately 27 degrees Fahrenheit, and the ground was damp. Eight digital photographs were taken to document the inspection on this day.

Mr. Bill Raynor, Site Manager of Waste Management, accompanied this inspector for the inspection. This inspection was conducted as a result of Cottonwood Hills Recycling & Disposal Facility being permitted by the IEPA to handle municipal solid waste and non-hazardous special waste. The permit number is 2003-453 (MOD #60).

Green Diamond Road was checked for any possible offsite odors and none were detected. The wind was blowing out of the south. Prior to the inspection Mr. Raynor informed me about an email he received regarding an odor complaint. It claimed the flare has been inoperable since December 24, 2015. Mr. Raynor stated Ameren was out January 4, 2016 to replace a transformer. This possibly caused the flare to be down until the power was restored. At the time of this inspection the flare was out. They believe it is a bad rely. Mr. Michael McElvain, WM Landfill Gas Technician, was on the way to diagnose the issue. Mr. Raynor would call when the flare was back on line. Mr. Raynor stated they would pull the gas flare data to determine the length of time the flare was inoperable if at all during the time from December 24, 2015 until today. No one was using the public drop off area. The daily municipal trash intake this month is approximately 1600 tons of municipal waste per day. Two compactors, one bull dozer and the tipper were operating in the active area. Several trucks from the transfer stations were



observed during the time in the active area. No e-waste, white goods, tires, or yard waste were observed dumped in the active area. Heavy off road truck began placing cover dirt at the edge of the active area. Mr. Raynor stated they would be using the new cell by next week. The plan is to place a fluff lift down. They have pumped most of the water out of the new cell from the rain last week. The rock crusher was not operational on this day. A check of one of the pump stations found levels to be within acceptable limits. No signs of leachate seepage or methane gas migration were detected. No apparent violations were observed during this inspection (Photos 1-8).

It should be noted on January 6, 2016 at 1:25pm, I spoke to Mr. Raynor and it was determined the cause of the flare outage was a possible surge in power causing a short in the ground wire of the flare. Wissehr Electric was on site and replaced the wire. I was on the phone with Mr. Raynor, at 1:35pm, as he received word the flare was back on line and operating normally.

STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY

SITE SKETCH

Date of Inspection: January 5, 2016

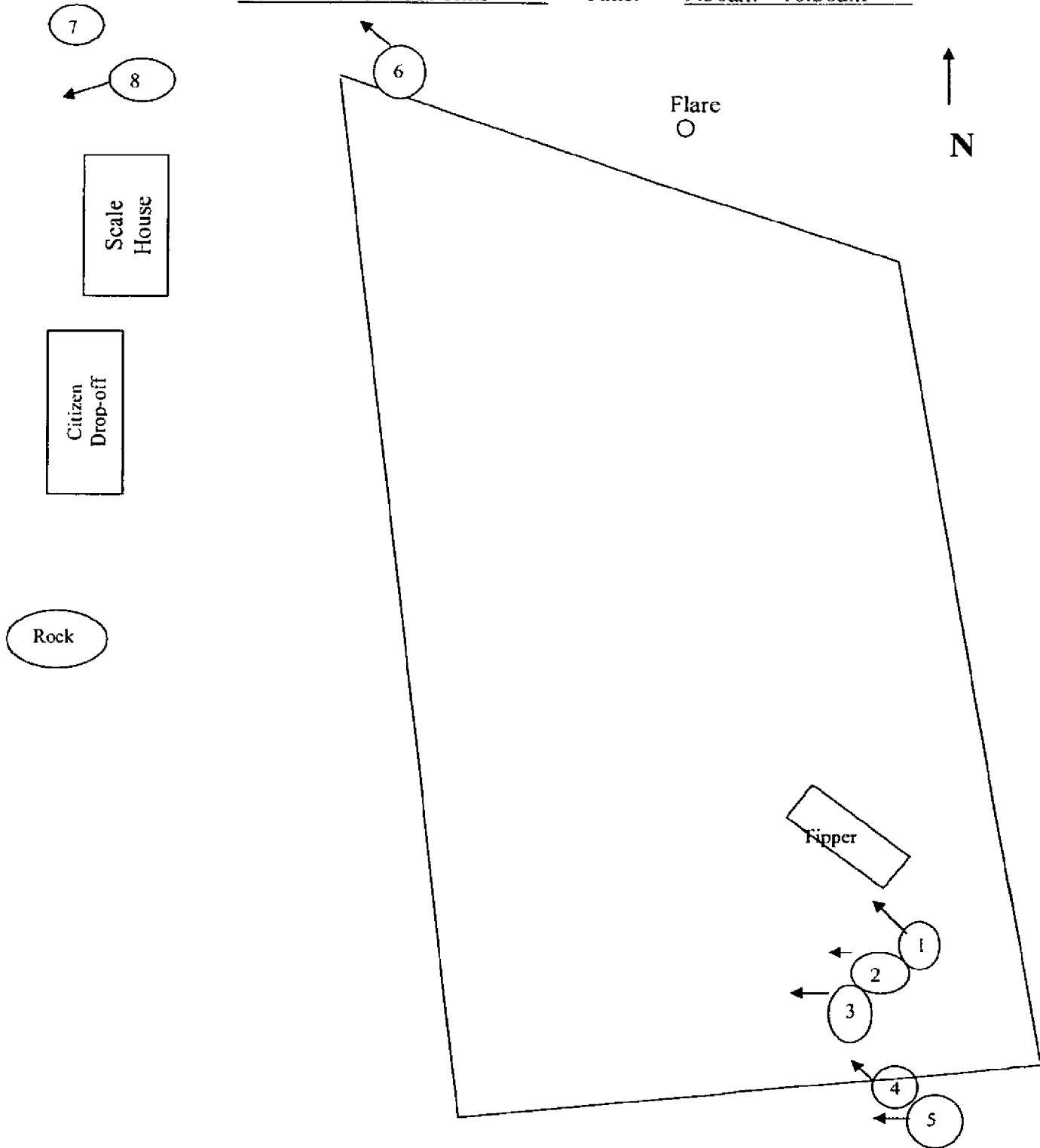
Inspector: Michael Gates

Site Code: 1630755017

County: St. Clair

Site Name: Marissa/Cottonwood Hills

Time: 9:30am - 10:30am





Date: 01-05-16 Time: 9:10 A.M. P.M.

Site Name: Marissa /Cottonwood Hills

Location: LPC - 1630755017 St. Clair County

Photograph By: Michael Gates

Direction: CU

Photo Number: 16-MarissaCWH-0105-1



Date: 01-05-16 Time: 9:12 A.M. P.M.

Site Name: Marissa/Cottonwood Hills

Location: LPC - 1630755017 St. Clair County

Photograph By: Michael Gates

Direction: W

Photo Number: 16-MarissaCWH-0105-2





Date: 01-05-16 Time: 9:14 A.M. P.M.

Site Name: Marissa /Cottonwood Hills

Location: LPC - 1630755017 St. Clair County

Photograph By: Michael Gates

Direction: W

Photo Number: 16-MarissaCWH-0105-3



Date: 01-05-16 Time: 9:20 A.M. P.M.

Site Name: Marissa/Cottonwood Hills

Location: LPC - 1630755017 St. Clair County

Photograph By: Michael Gates

Direction: N

Photo Number: 16-MarissaCWH-0105-4





Date: 01-05-16 Time: 9:25 A.M. P.M.

Site Name: Marissa /Cottonwood Hills

Location: LPC - 1630755017 St. Clair County

Photograph By: Michael Gates

Direction: W

Photo Number: 16-MarissaCWH-0105-5



Date: 01-05-16 Time: 9:30 A.M. P.M.

Site Name: Marissa/Cottonwood Hills

Location: LPC - 1630755017 St. Clair County

Photograph By: Michael Gates

Direction: NW

Photo Number: 16-MarissaCWH-0105-6





Date: 01-05-16 Time: 9:34 A.M. P.M.

Site Name: Marissa /Cottonwood Hills

Location: LPC - 1630755017 St. Clair County

Photograph By: Michael Gates

Direction: CU

Photo Number: 16-MarissaCWH-0105-7



Date: 01-05-16 Time: 9:36 A.M. P.M.

Site Name: Marissa/Cottonwood Hills

Location: LPC - 1630755017 St. Clair County

Photograph By: Michael Gates

Direction: SW

Photo Number: 16-MarissaCWH-0105-8